

CHILDREN WITH ELEVATED BLOOD LEAD LEVELS

(FY2008 Appropriation Bill - Public Act 123 of 2007)

February 1, 2008

Section 1129: The department shall provide a report annually to the house of representatives and senate appropriations subcommittees on community health, the house and senate fiscal agencies, and the state budget director on the number of children with elevated blood lead levels from information available to the department. The report shall provide the information by county, shall include the level of blood lead reported, and shall indicate the sources of the information.

*Michigan Department
of Community Health*



Jennifer M. Granholm, Governor
Janet Olszewski, Director

Legislative Report
Annual Childhood Lead Poisoning and Expenditures Report
Covering Fiscal Year 2006-07 (10/01/2006-09/30/2007)
January 1, 2008

This report is provided in response to MCL 333.5474 (2) and (3) and Public Act 330 of 2007 Section 1129.

Michigan Children Tested and Their Test Results

The following tables reflect lead testing numbers and blood lead test results by county for children through age six (Table 1) and for all children through age 15 (Table 2) for fiscal year 2006-07. Figure 1 depicts the statewide testing information for the past four fiscal years for Michigan children through age six.

The Centers for Disease Control and Prevention defines lead poisoning as having a venous blood lead test result of ≥ 10 micrograms per deciliter (see footnotes for Figure 1). As indicated in Table 1, there were 2,189 children through age six with an elevated blood lead level (EBLL) identified during FY07. In Table 1, data also reflect that statewide, 150,451 children through age six were tested; this is 16.7% of Michigan's total population of children through age six. Although not shown in Table 1, 74.2% of the tested \leq six year old population are Medicaid-enrolled. It is also important to note that the percentage of Michigan children through age six with an EBLL has decreased from 9.9% during FY98 to 1.5% in FY07.

Recommendations

1. That the state of Michigan fully implement the seven priority activities identified by the Governor's Task Force on the Elimination of Childhood Lead Poisoning (see the website: michigan.gov/leadsafe for the complete report). Additional resources would be needed to do so.
2. That MDCH and its partners work collaboratively through local coalitions in the areas with the highest prevalence of lead poisoning. This continues to involve providing technical assistance to the coalitions on applying for grants, working with the local health departments, training in the proven best practices, etc.
3. That MDCH work closely with the governor-appointed Childhood Lead Poisoning Prevention and Control Commission to create a coordinated, cross-sector, multi-stakeholder, aggressive effort to eliminate lead hazards from Michigan housing stock. (Michigan ranks worst in the nation in the percentage of lead poisoned children.)
4. That county prosecuting attorneys be trained and encouraged to enforce Public Act 434 of 2004, lead hazard dwelling landlord penalties law. Currently, Wayne County's prosecuting attorney is the only Michigan attorney that aggressively enforces this public act.

Table 1
Childhood Lead Poisoning Data Facts – By County
Fiscal Year 2006-2007 – Children through Six Years of Age

County	%Pre-1950 Housing*	Children through Age 6**	Children through Age 6, Tested for Lead during FY0607		% Tested	% with BLL ≥ 5 ug/dL	% EBLLL (≥ 10 ug/dL venous only)***	5 to 9 ug/dL (capillary, venous or unknown)	Children with Confirmed Elevated Blood Lead Levels					Children with Elevated Capillary Tests, Not Confirmed by Venous					Total Elevated Capillary, not confirmed by venous
			Number of Children Tested	10-14 ug/dL (venous only)					15-19 ug/dL (venous only)	20-44 ug/dL (venous only)	≥45 ug/dL (venous only)	Total EBLLL (≥ 10 ug/dL)	Capillary 10-14, not confirmed by venous	Capillary 15-19, not confirmed by venous	Capillary 20-44, not confirmed by venous	Capillary ≥45, not confirmed by venous			
Alcona	21.0	581	130	22.4	14.6	0.0	18	0	0	0	0	0	1	0	0	0	1		
Alger	32.6	560	108	19.3	5.6	0.0	5	0	0	0	0	0	1	0	0	0	1		
Allegan	27.4	10,452	1379	13.2	11.6	0.7	140	7	1	1	1	10	5	2	3	0	10		
Alpena	28.6	2,074	415	20.0	10.4	0.0	40	0	0	0	0	0	2	0	1	0	3		
Antrim	22.6	1,732	243	14.0	9.9	0.0	23	0	0	0	0	0	0	0	1	0	1		
Arenac	20.6	1,230	247	20.1	10.9	0.4	24	1	0	0	0	1	1	0	1	0	2		
Baraga	34.9	697	174	25.0	7.5	0.0	12	0	0	0	0	0	1	0	0	0	1		
Barry	29.4	5,031	651	12.9	9.2	0.3	52	2	0	0	0	2	3	3	0	0	6		
Bay	37.1	8,828	1486	16.8	11.5	1.1	150	11	4	1	0	16	5	0	0	0	5		
Benzie	27.3	1,341	182	13.6	6.0	0.0	11	0	0	0	0	0	0	0	0	0	0		
Berrien	32.7	14,601	2507	17.2	18.3	1.7	395	27	8	7	0	42	17	4	1	0	22		
Branch	36.5	3,945	485	12.3	17.1	1.7	68	5	1	2	0	8	6	1	0	0	7		
Calhoun	36.4	12,618	2789	22.1	10.6	1.3	246	22	6	8	0	36	13	2	0	0	15		
Cass	30.4	3,844	588	15.3	12.2	0.7	63	4	0	0	0	4	3	1	1	0	5		
Charlevoix	25.7	2,087	243	11.6	7.8	1.2	15	3	0	0	0	3	1	0	0	0	1		
Cheboygan	21.7	2,013	268	13.3	7.8	0.0	21	0	0	0	0	0	0	0	0	0	0		
Chippewa	28.4	2,666	436	16.4	3.0	0.5	11	0	1	1	0	2	0	0	0	0	0		
Clare	13.1	2,340	227	9.7	5.3	0.4	10	0	1	0	0	1	1	0	0	0	1		
Clinton	28.7	5,882	573	9.7	5.1	0.3	27	2	0	0	0	2	0	0	0	0	0		
Crawford	19.6	980	135	13.8	6.7	0.0	8	0	0	0	0	0	1	0	0	0	1		
Delta	37.7	2,835	447	15.8	6.3	0.4	26	2	0	0	0	2	0	0	0	0	0		
Dickinson	41.6	1,974	417	21.1	5.0	0.0	20	0	0	0	0	0	1	0	0	0	1		
Eaton	23.4	8,636	1262	14.6	6.8	0.4	76	3	2	0	0	5	4	1	0	0	5		
Emmet	27.7	2,610	299	11.5	4.7	0.3	11	1	0	0	0	1	2	0	0	0	2		
Genesee	22.8	42,303	7864	18.6	8.8	0.7	608	33	11	10	1	55	25	2	3	1	31		
Gladwin	13.7	1,896	234	12.3	5.6	0.0	11	0	0	0	0	0	2	0	0	0	2		
Gogebic	54.1	946	197	20.8	6.6	0.0	13	0	0	0	0	0	0	0	0	0	0		
Grand Traverse	17.8	6,744	530	7.9	6.4	0.2	31	1	0	0	0	1	1	0	1	0	2		
Gratiot	39.8	3,326	464	14.0	10.1	0.2	45	1	0	0	0	1	1	0	0	0	1		
Hillsdale	39.0	4,111	685	16.7	13.9	1.5	82	9	0	1	0	10	3	0	0	0	3		
Houghton	54.8	2,670	671	25.1	3.3	0.3	17	2	0	0	0	2	1	2	0	0	3		
Huron	33.5	2,361	553	23.4	15.4	0.2	80	1	0	0	0	1	2	1	1	0	4		
Ingham	25.9	24,620	5304	21.5	9.4	0.6	446	18	7	7	0	32	14	3	1	0	18		
Ionia	37.9	5,886	737	12.5	10.7	1.2	63	8	1	0	0	9	6	0	1	0	7		
Iosco	19.8	1,701	321	18.9	16.5	0.0	46	0	0	0	0	0	4	1	2	0	7		
Iron	44.5	714	160	22.4	5.6	0.0	7	0	0	0	0	0	2	0	0	0	2		
Isabella	19.2	4,898	441	9.0	2.3	0.2	9	0	1	0	0	1	0	0	0	0	0		
Jackson	35.7	14,416	2273	15.8	20.9	1.3	405	12	10	6	1	29	32	6	2	0	40		
Kalamazoo	24.6	21,375	3234	15.1	16.9	1.1	464	22	3	9	2	36	36	8	2	0	46		
Kalkaska	15.2	1,502	169	11.3	13.6	0.0	22	0	0	0	0	0	1	0	0	0	1		
Kent	26.8	63,892	9811	15.4	13.8	1.8	1,124	109	36	30	0	175	40	13	4	0	57		
Keweenaw	54.9	129	22	17.1	4.5	0.0	1	0	0	0	0	0	0	0	0	0	0		
Lake	15.1	774	120	15.5	5.8	0.8	5	1	0	0	0	1	1	0	0	0	1		
Lapeer	22.2	7,613	914	12.0	9.1	0.2	74	1	0	1	0	2	6	0	1	0	7		
Leelanau	22.0	1,381	125	9.1	4.8	0.8	5	0	1	0	0	1	0	0	0	0	0		
Lenawee	38.6	8,524	1237	14.5	11.7	0.8	120	6	2	2	0	10	11	2	2	0	15		
Livingston	13.7	15,048	865	5.7	4.2	0.1	34	0	1	0	0	1	0	1	0	0	1		
Luce	30.0	438	85	19.4	7.1	0.0	6	0	0	0	0	0	0	0	0	0	0		
Mackinac	28.1	718	125	17.4	7.2	0.0	8	0	0	0	0	0	0	0	1	0	1		
Macomb	10.9	71,386	7489	10.5	5.2	0.2	370	8	1	4	0	13	7	0	3	0	10		
Manistee	35.9	1,755	255	14.5	12.5	1.2	27	1	1	1	0	3	1	0	1	0	2		
Marquette	32.6	4,338	652	15.0	7.7	0.5	45	1	2	0	0	3	0	0	2	0	2		
Mason	31.1	2,166	241	11.1	14.1	1.7	28	2	1	1	0	4	1	0	1	0	2		
Mecosta	22.0	3,194	424	13.3	4.7	0.5	18	0	1	1	0	2	0	0	0	0	0		
Menominee	38.4	1,745	280	16.0	13.2	1.1	30	2	1	0	0	3	3	0	1	0	4		
Midland	16.9	6,914	401	5.8	3.7	0.7	12	3	0	0	0	3	0	0	0	0	0		
Missaukee	20.6	1,203	140	11.6	6.4	0.0	8	0	0	0	0	0	1	0	0	0	1		
Monroe	28.3	12,617	1466	11.6	7.8	0.1	112	2	0	0	0	2	0	0	0	0	0		
Montcalm	28.1	5,842	833	14.3	13.3	0.4	101	2	0	1	0	3	5	0	2	0	7		
Montmorency	18.4	633	101	16.0	10.9	0.0	11	0	0	0	0	0	0	0	0	0	0		
Muskegon	29.8	16,082	3480	21.6	10.1	1.7	278	42	7	10	0	59	10	2	1	0	13		
Newaygo	22.7	4,418	710	16.1	7.2	0.0	46	0	0	0	0	0	3	1	1	0	5		
Oakland	15.9	107,969	11290	10.5	5.4	0.3	562	21	11	4	0	36	9	1	2	0	12		
Oceana	26.8	2,730	593	21.7	7.1	0.3	40	1	1	0	0	2	0	0	0	0	0		
Ogemaw	18.3	1,542	386	25.0	9.3	0.3	34	1	0	0	0	1	1	0	0	0	1		
Ontonagon	43.4	357	90	25.2	10.0	0.0	7	0	0	0	0	0	1	0	1	0	2		
Osceola	24.2	2,049	255	12.4	7.8	0.0	17	0	0	0	0	0	2	0	1	0	3		
Oscoda	18.3	623	129	20.7	8.5	0.0	11	0	0	0	0	0	0	0	0	0	0		
Otsego	12.6	1,970	227	11.5	4.0	0.0	8	0	0	0	0	0	0	0	1	0	1		
Ottawa	18.0	25,008	2651	10.6	6.7	0.4	159	6	4	0	0	10	6	1	1	0	8		
Presque Isle	27.6	886	110	12.4	12.7	0.0	10	0	0	0	0	0	4	0	0	0	4		
Roscommon	16.1	1,532	148	9.7	4.7	0.0	7	0	0	0	0	0	0	0	0	0	0		
Saginaw	29.3	18,353	3544	19.3	15.9	1.2	489	31	2	8	0	41	25	5	4	0	34		
St Clair	29.6	14,589	1,550	10.6	10.8	0.7	133	7	2	2	0	11	20	1	3	0	24		
St Joseph	34.8	6,346	869	13.7	16.1	1.7	124	9	3	3	0	15	1	0	0	0	1		
Sanilac	34.7	3,673	747	20.3	8.6	0.1	61	1	0	0	0	1	1	1	0	0	2		
Schoolcraft																			

Table 2
Childhood Lead Poisoning Data Facts – By County
Fiscal Year 2006-2007 – Children Less Than Sixteen Years of Age

County	Children Under Age 16*	Children < Age 16, Tested for Lead during FY07		Children with Low-Level Exposure			Children with Confirmed Elevated Blood Lead Levels					Children with Elevated Capillary Tests Not Confirmed by Venous				
		Number of Children Tested	% Tested	% with BLL ≥5 µg/dL	% EBLL (≥10 µg/dL venous only)**	5 to 9 µg/dL (capillary, venous or unknown)	10-14 µg/dL (venous only)	15-19 µg/dL (venous only)	20-44 µg/dL (venous only)	≥45 µg/dL (venous only)	Total EBLL (≥10 µg/dL)	Capillary 10-14, not confirmed by venous	Capillary 15-19, not confirmed by venous	Capillary 20-44, not confirmed by venous	Capillary ≥ 45, not confirmed by venous	Total Elevated Capillary, not confirmed by venous
Alcona	1,646	132	8.0	15.9	0.0	18	0	0	0	0	0	1	2	0	0	3
Alger	1,442	119	8.3	5.0	0.0	5	0	0	0	0	0	1	0	0	0	1
Allegan	25,200	1,420	5.6	11.5	0.7	145	7	1	1	1	10	5	0	3	0	8
Alpena	5,330	432	8.1	10.6	0.0	43	0	0	0	0	0	2	0	1	0	3
Antrim	4,429	256	5.8	9.8	0.0	24	0	0	0	0	0	0	0	1	0	1
Arenac	2,995	259	8.6	10.8	0.4	25	1	0	0	0	1	1	0	1	0	2
Baraga	1,611	177	11.0	7.3	0.0	12	0	0	0	0	0	1	0	0	0	1
Barry	12,439	678	5.5	8.8	0.3	52	2	0	0	0	2	3	3	0	0	6
Bay	21,315	1,553	7.3	11.7	1.3	155	15	4	1	0	20	6	0	0	0	6
Benzie	3,245	188	5.8	5.9	0.0	11	0	0	0	0	0	0	0	0	0	0
Berrien	34,694	2,622	7.6	18.0	1.7	407	28	8	7	0	43	18	4	1	0	23
Branch	9,320	511	5.5	17.4	1.6	74	5	1	2	0	8	6	1	0	0	7
Calhoun	29,646	2,876	9.7	10.6	1.4	249	25	6	8	0	39	15	2	0	0	17
Cass	9,974	637	6.4	11.6	0.8	64	5	0	0	0	5	3	1	1	0	5
Charlevoix	5,258	249	4.7	7.6	1.2	15	3	0	0	0	3	1	0	0	0	1
Cheboygan	5,015	277	5.5	7.9	0.0	22	0	0	0	0	0	0	0	0	0	0
Chippewa	6,481	466	7.2	2.8	0.4	11	0	1	1	0	2	0	0	0	0	0
Clare	5,886	238	4.0	5.5	0.4	11	0	1	0	0	1	1	0	0	0	1
Clinton	14,808	603	4.1	4.8	0.3	27	2	0	0	0	2	0	0	0	0	0
Crawford	2,582	145	5.6	6.2	0.0	8	0	0	0	0	0	1	0	0	0	1
Delta	6,935	455	6.6	6.2	0.4	26	2	0	0	0	2	0	0	0	0	0
Dickinson	5,126	428	8.3	4.9	0.0	20	0	0	0	0	0	1	0	0	0	1
Eaton	21,390	1,350	6.3	6.8	0.4	82	3	2	0	0	5	4	1	0	0	5
Emmet	6,485	306	4.7	4.6	0.3	11	1	0	0	0	1	2	0	0	0	2
Genesee	100,385	8,631	8.6	8.4	0.7	638	33	13	11	1	58	25	2	3	1	31
Gladwin	4,759	245	5.1	5.3	0.0	11	0	0	0	0	0	2	0	0	0	2
Gogebic	2,477	209	8.4	6.7	0.0	14	0	0	0	0	0	0	0	0	0	0
Grand Traverse	16,253	565	3.5	6.4	0.2	33	1	0	0	0	1	1	0	1	0	2
Gratiot	8,026	478	6.0	9.8	0.2	45	1	0	0	0	1	1	0	0	0	1
Hillsdale	9,766	715	7.3	13.4	1.4	83	9	0	1	0	10	3	0	0	0	3
Houghton	6,428	716	11.1	3.4	0.3	19	2	0	0	0	2	1	2	0	0	3
Huron	6,042	560	9.3	15.2	0.2	80	1	0	0	0	1	2	1	1	0	4
Ingham	57,047	5,574	9.8	9.1	0.6	458	20	7	7	0	34	14	3	1	0	18
Ionia	13,812	767	5.6	10.3	1.2	63	8	1	0	0	9	6	0	1	0	7
Iosco	4,425	326	7.4	16.3	0.0	46	0	0	0	0	0	4	1	2	0	7
Iron	1,872	166	8.9	5.4	0.0	7	0	0	0	0	0	2	0	0	0	2
Isabella	11,990	461	3.8	2.2	0.2	9	0	1	0	0	1	0	0	0	0	0
Jackson	34,167	2,420	7.1	19.8	1.2	410	12	10	6	1	29	33	6	2	0	41
Kalamazoo	50,079	3,438	6.9	16.3	1.2	475	25	4	9	2	40	36	8	2	0	46
Kalkaska	3,530	173	4.9	13.3	0.0	22	0	0	0	0	0	1	0	0	0	1
Kent	144,300	10,186	7.1	13.5	1.8	1139	110	38	31	0	179	41	13	4	0	58
Keweenaw	341	22	6.5	4.5	0.0	1	0	0	0	0	0	0	0	0	0	0
Lake	1,977	129	6.5	6.2	0.8	6	1	0	0	0	1	1	0	0	0	1
Lapeer	19,406	952	4.9	8.9	0.2	76	1	0	1	0	2	6	0	1	0	7
Leelanau	3,765	128	3.4	4.7	0.8	5	0	1	0	0	1	0	0	0	0	0
Lenawee	20,718	1,278	6.2	11.6	0.9	122	7	2	2	0	11	11	2	2	0	15
Livingston	38,852	935	2.4	4.0	0.1	35	0	1	0	0	1	0	1	0	0	1
Luce	1,087	101	9.3	6.9	0.0	7	0	0	0	0	0	0	0	0	0	0
Mackinac	1,866	130	7.0	6.9	0.0	8	0	0	0	0	0	0	0	1	0	1
Macomb	169,870	8,246	4.9	4.9	0.2	381	9	2	4	0	15	7	0	3	0	10
Manistee	4,344	269	6.2	11.9	1.1	27	1	1	1	0	3	1	0	1	0	2
Marquette	10,823	668	6.2	7.5	0.5	45	1	2	0	0	3	0	0	2	0	2
Mason	5,358	252	4.7	13.9	2.0	28	3	1	1	0	5	1	0	1	0	2
Mecosta	7,911	438	5.5	4.6	0.5	18	0	1	1	0	2	0	0	0	0	0
Menominee	4,518	283	6.3	13.1	1.1	30	2	1	0	0	3	3	0	1	0	4
Midland	17,547	458	2.6	3.7	0.9	13	4	0	0	0	4	0	0	0	0	0
Missaukee	3,048	144	4.7	6.3	0.0	8	0	0	0	0	0	1	0	0	0	1
Monroe	31,957	1,552	4.9	7.6	0.1	116	2	0	0	0	2	0	0	0	0	0
Montcalm	13,583	875	6.4	12.8	0.3	102	2	0	1	0	3	5	0	2	0	7
Montmorency	1,582	109	6.9	11.0	0.0	12	0	0	0	0	0	0	0	0	0	0
Muskegon	38,523	3,722	9.7	9.8	1.6	291	43	8	10	0	61	10	2	1	0	13
Newaygo	11,005	730	6.6	7.1	0.0	47	0	0	0	0	0	3	1	1	0	5
Oakland	258,335	12,121	4.7	5.2	0.3	583	23	11	5	0	39	11	1	2	0	14
Oceana	6,254	608	9.7	6.9	0.3	40	1	1	0	0	2	0	0	0	0	0
Ogemaw	3,852	394	10.2	9.1	0.3	34	1	0	0	0	1	1	0	0	0	1
Ontonagon	983	92	9.4	9.8	0.0	7	0	0	0	0	0	1	0	1	0	2
Osceola	4,888	263	5.4	8.0	0.0	18	0	0	0	0	0	2	0	1	0	3
Oscoda	1,582	130	8.2	8.5	0.0	11	0	0	0	0	0	0	0	0	0	0
Otsego	4,917	246	5.0	4.5	0.4	9	0	0	1	0	1	0	0	1	0	1
Ottawa	59,703	2,741	4.6	6.5	0.4	161	6	4	0	0	10	6	1	1	0	8
Presque Isle	2,214	112	5.1	12.5	0.0	10	0	0	0	0	0	4	0	0	0	4
Roscommon	3,999	169	4.2	4.1	0.0	7	0	0	0	0	0	0	0	0	0	0
Saginaw	44,809	3,741	8.3	15.6	1.1	507	31	3	8	0	42	25	5	4	0	34
St Clair	35,778	1,612	4.5	10.4	0.7	133	7	2	2	0	11	20	1	3	0	24
St Joseph	14,393	940	6.5	15.2	1.7	126	10	3	3	0	16	1	0	0	0	1
Sanilac	9,136	779	8.5	8.3	0.1	61	1	0	0	0	1	2	1	0	0	3
Schoolcraft	1,540	131	8.5	19.1	0.8	24	1	0	0	0	1	0	0	0	0	0
Shiawassee	15,328	1,091	7.1	7.1	0.5	69	2	2	1	0	5	3	0	1	0	4
Tuscola	11,636	978	8.4	8.6	0.4	78	2	2	0	0	4	2	0	0	0	2
Van Buren	17,480	1,268	7.3	14.4	1.0	157	8	2	2	0	12	11	0	2	0	13
Washtenaw	67,899	2,558	3.8	4.1	0.7	88	11	4	2	0	17	0	0	0	0	0
Wayne	470,869	58,126	12.3	19.3	2.6	9,219	984	294	208	14	1,500	348	89	55	3	495
Wexford	6,558	358	5.5	5.6	0.3	19	0	0	1	0	1	0	0	0	0	0
MICHIGAN	2,168,844	161,886	7.5	13.0	1.4	17,808	1,485	446	339	19	2,289	730	154	112	4	1,000

* U.S. Census Bureau, Census 2000.

** %EBLL is calculated as follows: Number of Children w/EBLL divided by (Number of Children Tested minus Children w/elevated capillary tests, not confirmed by venous)

Note: Counts of children tested and blood lead levels are reported from Michigan Department of Community Health, Childhood Lead Poisoning Prevention Program statewide database

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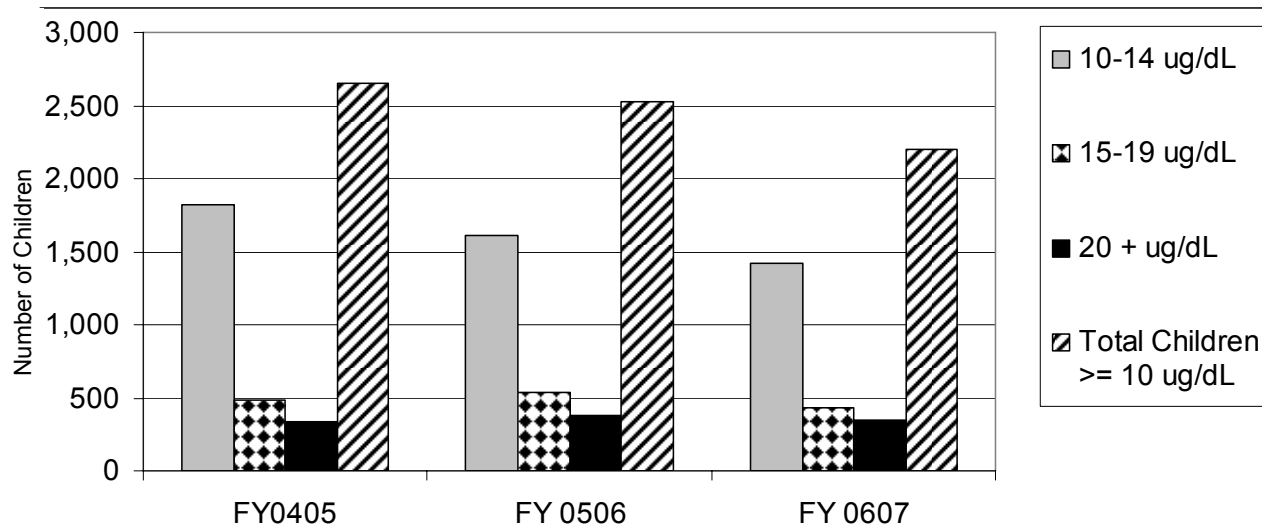
* U.S. Census Bureau, Census 2000.

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Note: Counts of children tested and blood lead levels are reported from Michigan Department of Community Health, Childhood Lead Poisoning Prevention Program statewide database.

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Figure 1
Michigan Children Confirmed as Lead Poisoned
Fiscal Years 2004-05 through 2006-07



Blood Lead Test Result	Fiscal Year 2004-05	Fiscal Year 2005-06	Fiscal Year 2006-07
10-14 µg/dL	1,818	1,613	1,416
15-19 µg/dL	488	533	428
≥ 20 µg/dL	342	379	345
Total Children ≥ 10 µg/dL	2,648	2,525	2,189
Total Children through Six Years of Age Tested	135,447	143,326	150,541

Michigan Department of Community Health, Childhood Lead Poisoning Prevention Program

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A blood lead level of ≥ 10 µg/dL (micrograms/deciliter) is considered to be diagnostic of lead poisoning. Recommended actions include the following:

- 10-19 µg/dL – Referrals are made to the local health department for follow-up. A nurse makes a home visit to recommend a diet high in iron, calcium and Vitamin C to decrease the potential for absorption of lead from the environment. There is a review of environmental factors that can place the child at-risk for lead poisoning.
- ≥ 20 µg/dL – Medical management is needed. Referrals are made to the local health departments for home visits by both a nurse and an environmental health sanitarian. The environmental health sanitarian inspects the home to determine the source of the lead poisoning and recommends actions for lead hazard control. When blood lead levels reach 45 µg/dL and over, hospitalization is required for special treatments to remove the lead from the bloodstream. The danger to the child increases with the blood lead level. Levels of 70 µg/dL or more are considered medical emergencies requiring immediate hospitalization. Children who have been hospitalized for treatment cannot return to their homes until the environmental lead has been removed.

Expenditures

Funding for the Childhood Lead Poisoning Prevention Program comes from four sources:

Funding Source	Amount
Centers for Disease Control & Prevention	\$ 961,061
Health Michigan Fund	1,000,000
Maternal Child Health Block	490,000
Michigan General Funds	106,900
TOTAL	\$2,557,961

The Center for Disease Control and Prevention (CDC), Maternal Child Health Block (MCHB) Title V and State General Funds (GF) monies during this report period were used to fund state program staff positions and fund target community health departments for activities required by the CDC, including:

- testing of children for blood lead status;
- primary prevention activities,
- comprehensive case management for children with severely elevated blood lead levels;
- maintenance of a statewide surveillance system;
- implementation of a statewide lead testing/lead screening plan;
- purchase and/or development of outreach and educational materials for use by CLPPP staff, and managed care plans, health care providers and local public health agencies.

As mandated by the CDC, no CDC funds have been used for laboratory reimbursement for blood lead testing of uninsured children since July 1, 2005.

Healthy Michigan Funds in the amount of \$1M were allocated in FY2006-07, to continue addressing the seven priority activities identified in the *Final Report of the Governor's Task Force to Eliminate Childhood Lead Poisoning*. Collaboration between the two lead poisoning programs housed in the Department of Community Health, in conjunction with bureau and department administration, resulted in the following priority activities being addressed with the Healthy Michigan Funds:

- development of a voluntary electronic Lead-Safe Housing Registry (pursuant to PA 433 of 2004) for Michigan rental properties;
- assistance to communities in the development of local lead activities and coalitions with the goal of local sustainability and grant writing (to finance remediation of homes with lead hazards where children under six years of age reside);
- assurance of comprehensive case management for children with severely elevated blood lead levels until their blood lead levels are lower than the "level of concern" (≥ 10 $\mu\text{g}/\text{dL}$ per CDC), achieved through funding or enhancing funding for Lead Initiative Coordinators in the targeted community public health agencies;
- support for the governor's lead commission meetings and public hearing (compliance with PA 431 of 2004);
- funding for remediation of homes statewide where young children live and lead hazards exist through the efforts of a remediation ombudsman; and
- provision of a public awareness media campaign.